ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: M99690 Client: Alaskan Copper Works PO# M99690, F&BI 609057 Date Received: 09/07/06 Project: Lab ID: Date Extracted: 09/08/06 609057-01 10x Date Analyzed: 09/08/06 Data File: 609057-01 10x.103 Matrix: ICPMS1 Water Instrument: Units: ug/L (ppb) Operator: btb

Lower Upper Internal Standard: % Recovery: Limit: Limit: Germanium 65 60 125

Concentration
Analyte: ug/L (ppb)

Chromium 1,510
Nickel 1,760
Copper 1,380
Zinc 43.8

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID: Method Blank Alaskan Copper Works Client: Date Received: Project: PO# M99690, F&BI 609057 NA Date Extracted: 09/08/06 Lab ID: I6-380 mb Date Analyzed: 09/08/06 Data File: I6-380 mb.102 Matrix: Water Instrument: ICPMS1 Units: ug/L (ppb) Operator: btb

Lower Upper Internal Standard: % Recovery: Limit: Limit: Germanium 76 60 125

ENVIRONMENTAL CHEMISTS

Date of Report: 09/13/06 Date Received: 09/07/06

Project: Metro Self Monitor, PO# M99690, F&BI 609057

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR METALS BY EPA METHOD 200.8

Laboratory Code: 608335-01 (Duplicate)

			Sample	Duplicate	Relative Percent	Acceptance Criteria			
	Analyte	Reporting Uni	ts Result	Result	Difference				
1	Chromium	ug/L (ppb)	6.35	6.41	1	0-20			
	Nickel	ug/L (ppb)	1.92	2.21	14	0-20			
	Copper	ug/L (ppb)	<1	<1	nm	0-20			
	Zinc	ug/L (ppb)	<1	<1	nm	0-20			

Laboratory Code: 608335-01 (Matrix Spike)

					Percent	AND AND D	
			Spike	Sample	Recovery	Acceptanc	e
	Analyte	Reporting Units	Level	Result	MS	Criteria	4.75
	Chromium	ug/L (ppb)	20	6.35	118 b	50-150	
	Nickel	ug/L (ppb)	20	1.92	113	50-150	
1	Copper	ug/L (ppb)	20	<1	110	50-150	As a
	Zinc	ug/L (ppb)	50	<1	95	50-150	

Laboratory Code: Laboratory Control Sample

		Spike	Percent Recover		e
Analyte	Reporting Units	Level	LCS	Criteria	1. 15.45
Chromium	ug/L (ppb)	20	109	70-130	15.54
Nickel	ug/L (ppb)	20	110	70-130	4.7
Copper	ug/L (ppb)	20	112	70-130	
Zinc	ug/L (ppb)	50	121	70-130	

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Charlene Morrow, M.S. Yelena Aravkina, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S. 3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

September 13, 2006

DUPLICATE COPY

INVOICE # 06ACU0913-1

Accounts Payable Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M99690, F&BI 609057 - Results of testing requested by Gerry Thompson for material submitted on September 7, 2006.

FEDERAL TAX ID #(b) (6)

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	Send Report To SERGED Thompson Company Algekon Coppex norths					PROJECT NAME/NO.							PO	#	\dashv	☐ Standard (2 Weeks)					
	Address 628 S.	S. Hardone so				*										RUSHRush charges authorized by:					
	City, State, ZIP Seasy	te va	REMARKS										SAMPLE DISPOSAL Dispose after 30 days Return samples Will call with instructions								
		# 206-782-87 Fax#																			
								ANALYSES REQU							EQUI	JESTED					コ
	Sample ID	Sample ID Lab ID Date Ti		Time	Sampl	е Туре	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	HEN MEZIN		v			ı	Notes	
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i.	Friedman & Bruya, Inc. 3012 16th Avenue West					PRINT NAME					COMPANY DATE TIME										
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ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Charlene Morrow, M.S. Yelena Aravkina, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S. 3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

September 13, 2006

Gerry Thompson, Project Manager Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on September 7, 2006 from the Metro Self Monitor, PO# M99690, F&BI 609057 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Mill Calef

Michael Erdahl Project Manager

Enclosures ACU0913R